

## ABSTRACT

5 The present invention relates to a process for the preparation of water-absorbent, foam-type polymer structures, wherein an aqueous composition is foamed, and the foamed aqueous composition is then heated at a temperature in a range of from 50 to 300°C, so that the polymer crosslinks at least partially and the content of water is adjusted to not more than 15 wt.%, based on the total weight of the foam-type polymer structure that forms.